

|   | L # | Hits        | Search Text   | DBs   | Time Stamp           |
|---|-----|-------------|---|---|----------------------|
| 1 | L1  | 2302<br>682 | @pd>"20040121"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:04 |
| 2 | L2  | 1589        | ((523/160) or<br>(523/161)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:05 |
| 3 | L3  | 1156<br>9   | ((524/495) or (524/556)<br>or (524/609) or<br>(524/577) or (524/399)<br>or (524/400) or<br>(524/423) or (524/425)<br>or (524/414)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:05 |
| 4 | L4  | 686         | (106/31.6).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:05 |
| 5 | L5  | 2872<br>2   | pigment near10<br>(modified or modify\$3<br>or attach\$4 or bond\$3<br>or treat\$4 or<br>hydrophilic or self adj<br>dispers\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/0<br>9 15:13 |
| 6 | L6  | 1939<br>6   | polyvalent adj (cation<br>or anion) or polyvalent<br>near5 (ion or salt)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:05 |
| 7 | L7  | 4106<br>89  | (zirconium or calcium<br>or cadmium or copper or<br>iron or magnesium or<br>nickel or zinc or<br>aluminum) adj2<br>(carbonate or sulfate<br>or oxalate or citrate<br>or tartrate or<br>phosphate or chloride) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/0<br>9 11:05 |

|    | L # | Hits        | Search Text   | DBs   | Time Stamp           |
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| 8  | L8  | 5916<br>535 | ca! or cd! or cu! or<br>fe! or mg! or ni! or<br>zn! or al! or zr!   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:05 |
| 9  | L9  | 3357        | pigment near5 (anionic<br>or cationic)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:06 |
| 10 | L10 | 1503<br>47  | (sulfon\$5 or carboxy\$5<br>or sulfo or "so.sub.3"<br>or "so.sub.2" or cooh!)<br>near5 (polymer or<br>resin) or sulfopolymer<br>or (anionic or<br>cationic) near5<br>(polymer or resin) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:08 |
| 11 | L11 | 93          | 1 and (2 3 4) and (5 9)<br>and (6 7 8) and 10   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:48 |
| 12 | L12 | 178         | 1 and (2 3 4) and (5 9)<br>and (6 7 8)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:48 |
| 13 | L13 | 85          | 12 not 11   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:24 |
| 14 | L14 | 56          | 1 and (2 3 4) and (5 9)<br>and (6 or 7 or salt<br>same 8) and 10  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:35 |
| 15 | L15 | 95          | 1 and (2 3 4) and (5 9)<br>and (6 or 7 or salt<br>same 8)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:42 |

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| 16 | L17 | 39 | 15 not 14 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 11:42 |
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|    | L # | Hits | Search Text   | DBs   | Time Stamp       |
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| 17 | L16 | 90   | 1 and (2 3 4) and (5 9) and (6 or 7 or (ion or cation or anion) near10 8)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 11:48 |
| 18 | L18 | 1073 | 1 and (5 9) and (6 7 8) and 10  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 14:23 |
| 19 | L19 | 2896 | 1 and (5 9) and (6 7 8)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 11:48 |
| 20 | L20 | 96   | 1 and (2 3 4) and (5 9) and (6 or 7 or (ion or cation or anion or salt) near10 8) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 12:03 |
| 21 | L21 | 9085 | (5 9) and (6 or 7 or (ion or cation or anion or salt) near10 8)                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 13:08 |
| 22 | L22 | 1549 | 21 and (inkjet or ink near3 jet)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 13:11 |
| 23 | L23 | 937  | 22 and 10   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 12:07 |
| 24 | L24 | 977  | 21 and (ink or inkjet).ti.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 13:10 |
| 25 | L25 | 1003 | (5 9) and (6 or 7 or (ion or cation or anion or salt) near10 8).ab.               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | 2005/03/09 12:07 |

|    | L # | Hits | Search Text   | DBs   | Time Stamp           |
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| 26 | L26 | 606  | 24 and 10   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 12:07 |
| 27 | L27 | 160  | 21 and 2  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 12:09 |
| 28 | L28 | 689  | (5 9) same salt and<br>(inkjet or ink near3<br>jet)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 12:17 |
| 29 | L29 | 126  | ((5 9) same salt).ab.<br>and (inkjet or ink<br>near3 jet)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 12:37 |
| 30 | L32 | 2225 | 21 and (anionic or<br>cationic) near5<br>(polymer or resin or<br>dispersant or binder)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 13:10 |
| 31 | L33 | 854  | 32 and (inkjet or ink<br>near3 jet)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 13:09 |
| 32 | L36 | 419  | (5 9) and (organic or<br>inorganic) adj salt and<br>(anionic or cationic)<br>near5 (polymer or resin<br>or dispersant or<br>binder) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 13:47 |
| 33 | L34 | 555  | 33 and (ink or<br>inkjet).ti.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 13:37 |
| 34 | L41 | 185  | (5 9) and (multivalent<br>or multi adj valent)<br>near3 salt  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 13:48 |

|    | L # | Hits | Search Text  | DBs   | Time Stamp       |
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| 35 | L37 | 186  | 36 and (inkjet or ink near3 jet)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 14:07 |
| 36 | L42 | 11   | ((("5900899") or ("6613136") or ("6051465") or ("6378999") or ("5977207"))).PN.                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/09 14:23 |
| 37 | L43 | 7    | 42 and salt  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 14:26 |
| 38 | L44 | 2    | 42 and (6 7)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 14:27 |
| 39 | L45 | 2    | ep-834537-\$.did.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 14:29 |
| 40 | L47 | 363  | 2 and (5 9) and (6 7 salt)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 14:36 |
| 41 | L46 | 81   | ink with (5 9) with salt with (polymer or resin)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 15:19 |
| 42 | L48 | 191  | 2 and (5 9) and (6 or 7 or salt near3 (polyvalent or multivalent or multi adj valent or organic or inorganic)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 15:13 |
| 43 | L49 | 139  | pigment near5 self adj dispers\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | 2005/03/09 15:13 |

|    | L # | Hits | Search Text   | DBs   | Time Stamp           |
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| 44 | L50 | 59   | 49 and (6 or 7 or salt<br>near3 (polyvalent or<br>multivalent or multi<br>adj valent or organic<br>or inorganic)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 15:13 |
| 45 | L51 | 2806 | ink near5 salt  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 15:19 |
| 46 | L53 | 40   | 51 and 49   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 15:20 |
| 47 | L52 | 544  | 51 and (5 9)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2005/03/0<br>9 15:22 |